

## The Multiple Organ Dysfunction Score (MODS) for organ system failure

- To develop an objective scale to measure the severity of the multiple organ dysfunction syndrome in critically ill patients
- The score is calculated by adding the worst scores from each organ system during the first 24 hours of admission to the ICU
- A high initial MODS score and a large increase in score during the ICU stay correlate well with mortality

Organ system	0	1	2	3
Respiratory ( $PO_2/FiO_2$ ratio)	> 300	226 - 300	151 - 225	76 - 150
Renal (serum creatinine)	$\leq 100$	101 - 200	201 - 350	351 - 500
Hepatic (serum bilirubin)	$\leq 20$	21 - 60	61 - 120	121 - 240
Cardiovascular (PAR)	$\leq 10.0$	10.1 - 15.0	15.1 - 20.0	20.1 - 30.0
Hematologic (platelet count)	> 120	81 - 120	51 - 80	21 - 50
Neurological (Glasgow coma score)	15	13 - 14	10 - 12	7 - 9

### Reference:

Marshall JC, Cook DJ, Christou NV, Bernard GR, Sprung CL, Sibbald WJ. Multiple organ dysfunction score: a reliable descriptor of a complex clinical outcome. Crit Care Med. 1995;23:1638-1652.